

BOQ OF EPABX ROOM					
SI	DESCRIPTION OF ITEM	QTY	UNI	RATE	AMOUNT
A	CIVIL WORK				
1	Dismantling and removing the cement concrete ,including stacking the useful materials for reuse and removing the debris away from the site with all lead and lift. Including cost of all labour, sundries and T&P etc.complete in all respect as per the direction of Engineer-in-charge.	2.000	cum		
2	Removing old cement plaster from walls , including racking out joints 12mm deep and removing the debris away from the site with all lead and lift. Including cost of all labour, sundries and T&P etc.complete in all respect as per the direction of Engineer-in-charge.	2.000	Sqm		
3	Dismantling and removing R.C.C. Chajja, Shelves, fins and parapet including stacking the useful materials for reuse and removing the debris away from the site with all lead and lift.Including cost of all labour, sundries and T&P etc.complete in all respect as per the direction of Engineer-in-charge.	2.295	Sqm		
4	Dismantling brick or stone masonry in cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris away from the site with all lead and lift.Including cost of all labour, sundries and T&P etc.complete in all respect as per the direction of Engineer-in-charge.	0.287	Cum		
5	Dismantling and removing doors, windows and ventilators .including removal of frame, hinges, fastening and stacking the same for reuse (including transporting and depositing in OPGC Ware House or as directed by Engineer-in-charge) and removing the debris away from the site .with all lead and lift.Including cost of all labour, sundries and T&P etc.complete in all respect as per the direction of Engineer-in-charge.	4.050	Sqm		
6	Removing white wash or colour wash by scraping using sand papering and preparing the surface smooth including necessary repairs to scratches etc Including cost of all labour, sundries and T&P etc.complete in all respect as per the direction of Engineer-in-charge.	5.000	Sqm		
7	Disposal of building rubbish / malba / similar unserviceable , dismantled or waste materials by manually means ,including loading ,transporting ,unloading to approved municipal dumping ground with all lead and lift.Including cost of all labour, sundries and T&P etc.complete in all respect as per the direction of Engineer-in-charge.	13.632	cum		
RENOVATION & NEW CONSTRUCTION					
8	Providing and applying POST-CONSTRUCTIONAL ANTITERMITE Treatment of under existing floors using chemical emulsion @ one litre per hole , 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1:2 (1cement :2 coarse sand) With Chlorpyrifos : Lindane E.C. 20% : 1% concentration to match the existing floor Including all cost of labour, materials, taxes, conveyance, royalties, sundries, T&P, etc. All complete as per the directions of Engineer-in-charge.	35.559	Sqm		
9	Brick work using fly ash bricks of size 230x110x75 mm thick with minimum compressive strength of 75 kg/sqcm in cement mortar (1:4) for half brick masonry walls with provision of 2 nos 6mm dia MS bars at every third course of half brick masonry, including cost of bricks, cost of all materials , labours,conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge	2.000	Cum		
10	Providing and laying in position nominal mixed concrete of specified grade for reinforced cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 12 mm nominal size)work including laying of concrete using 12 mm and down grade size crusher broken hard granite chips excluding the cost of centering, shuttering, and reinforcement but including admixture in recommended proportions to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-In - Charge. Including cost all materials, conveyance, royalties and taxes, loading and unloading cost of all labour, sundries, T&P etc.complete.	1.000	Cum		
11	Providing Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and cost of binding wires of 18 to 20 gauge including cost of labours, materials, conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge.	0.900	Qntl		
12	Centering and shuttering (Steel/Ply) including strutting, propping etc. and removal of form after the required interval from the date of casting for any level including sub structure including cost of all labours, materials, conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge.	15.000	Sqm		
13	Providing 16mm thick cement plaster to the surface of brick masonry wall with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level and making grooves. as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc all complete as per direction of the Engineer -in-charge	5.000	Sqm		
	Surface Preparation: All the surfaces which are to receive Brushbond must be free from oil, grease, wax, dirt or any other form of foreign matter which might affect adhesion. Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired with Renderoc System.(WATER PROOFING IN Existing Toilet sunken slab)				

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14	<p>Coving & Bore cracking with Nitobond SBR Latex: Coving the junctions of the retaining wall and base raft with fillet of size 75mm x 75mm with CM 1: 3 admixed with Nitobond SBR Latex & Bore packing with Non shrink cementitious grout GP2.</p> <p>Treating the Cracks, Construction Joints : Chase opening the Construction Joints by providing " U " groove, removing the dust and clean the designated area fill the prepared surface using Renderoc CS completely as per the manufacturer's Instruction, following by providing chemical injection treatment in the form of pressure grouting to the cold joint by injecting cement slurry mixed with grout admixture Cebex 100 @ 225 gms per bag of cement, in the required consistency through the pre fixed PVC nozzles in the 18 mm dia holes, fixing of PVC nozzles with Renderoc Plug and final cutting the projected nozzles and sealing off the PVC nozzles after the injection operation is over with Renderoc plug, nonshrink rapid setting mortar compound, finishing, curing etc. as per manufacturers specification and as directed.</p> <p>System: Brushbond an elastomeric acrylic modified Cementitious coating for Concrete and Masonry Structure. Brushbond shall contain a liquid polymer component and a Cementitious powder component, which shall be mixed as per manufacturer's instructions and applied over prepared concrete surface strictly maintaining the coverage specified by the manufacturer. The applied material of Brushbond should have the Following Properties: Pot life : 30 min. at 270C Mixed Density: 1.85-1.95 g/cc. (brush able consistency) Colours : Grey and white Application temperature : Not less than 10C Toxicity : Non-toxic Adhesion to concrete : >1N/mm2 Brushbond provides an elastomeric protective waterproof coating and is shown to resist positive hydrostatic pressure upto 7 meter head. The degree of resistance of Brushbond to water under pressure depends on the coating thickness. where ever necessary, coving with CM 1:4 mixed with Conplast WL and application etc complete. The system should be followed with Laying 50 mm Thick Screed Concrete Mixed with Conplast WL</p>	7.500	Sqm		
15	Supply and fixing of uPVC Sliding glazed uPVC Window made out of hollow multi-chambered uPVC sections having isolated drainage system with the design 2Track 3Panel System. The 2 track outer frame of the window having over all size of 60 x 58 mm (without mosquito mesh) and 98 x 52 mm (without mosquito mesh) having internal wall thickness of 2.50 mm. The glass sashes / shutters shall be made out of Upvc sections with over all size of 42 x 70 mm with internal thickness of 2.50 mm. The mosquito mesh shutter (if applicable) having over all size of 25 x 52 mm with internal wall thickness of 2.50 mm. Reinforcement of galvanised mild steel with thick ness of 1.50 mm has to put through out the Frame, glass shutter and mesh shutter. Glass support beading make of upvc sections will be fixed with EPDM gasket to keep glass tight and unmoved. Single point locking system (called touch lock) made out of casted zamac with white powder coated and locking hook will make of SS 304 grade material. Aluminum guide rail will be fixed on the Bottom part of frame on which the glass shutters will run. The roller will make of nylon an having capacity of 40 - 120 kg depends on glass weight. Finseal will be provided to protect the dust in between closing point & interlocking point of glass & mesh shutters. Interlock make of Upvc has to be fixed with bot the glass panel including fitting & fixing of 5 mm thick reflective toughened glass of approved colour all complete including the cost of all materials, labour, T&P etc. complete as per the direction of the Engineer-in-charge.	4.050	Sqm		
16	Supplying, Fitting and Fixing M.S Grills of approved designs made out of M S Flat, Square bars/Round bars etc. of approved specifications / dimensions with necessary welded clamps fixed in proper position & plumb including a single coat of priming of approved quality metallic primer, making required holes in Masonary Walls / R.C.C Structures (where necessary) and grouting the clamps with C.C(1:2:4) with 12mm size black hard crusher broken granite stone chips, making good to the damages of Masonary Walls / R.C.C Structures including cost, conveyance, loading, unloading, stacking, royalties and taxes of all materials , cost of all labours, staging, scaffolding, sundries, T&P etc. complete as per the direction of the Engineer-in-charge.	4.050	Sqm		
17	Providing and applying Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :etc.including cost of all labours, materials, conveyance, loading and unloading, all taxes and royalties, sundries and T&P etc all complete as per direction of the Engineer -in-charge.(Two or more coats on new work over a coat of putty and primer)	123.455	Sqm		
18	Providing and applying two coats of Weather coat with Water soluble weather coat paints of approved shade of approved make or equivalent over out side brick wall over a coat of primer, by means of brush to outside surface of new walls after scraping, cleaning the surface inclusive of cost of waterproofing cement paint and primer and also including all cost of materials, scaffolding, labour, watering & curing T&P etc complete as per direction of Engineer -in-charge.	5.000	Sqm		
19	Providing and applying with mat finish synthetic enamel paint of approved colour, shade and brand on New iron work in two or more coats as required to give an even shade including an under coat of suitable red oxide primer of approved brand and manufacturer including cost of all materials with taxes and transportation, loading, unloading, scaffolding, all labour, sundries, T&P, etc. complete as per the direction of the Engineer-in-charge including scrapping, sand papering and cleaning the surface to make free from rusts, dusts and oily substances before applying primer etc. complete.	4.050	Sqm		
B	INTERIOR WORK				
	DISMANTLING				

BOQ OF EPABX ROOM					
SI	DESCRIPTION OF ITEM	QTY	UNI	RATE	AMOUNT
1	Dismantling of any type of partitions, doors, windows, fixed glazing and false ceiling area including stacking the same at site or disposing beyond the premises as directed including all leads & lifts etc. complete as per direction of Engineer-In-Charge.	40.538	sqm		
2	UNIFLOOR Raised Access Floor FS-800 HPL LAMINATED :- Supply and Installation of the Access raised floor shall be medium grade "UNIFLOOR FS 800H panel and also point load of 360 Kg / over 25mm sq. and UDL of 1350 kg/m2; panels manufactured from steel with lightweight cementitious core in the size 600 X 600 X 35 mm.The top panel shall be finished with high abrasion, anti-static High Pressure Laminate in size 600mm x 600mm x 1mm with beading on all sides to provide protection of edges.The bottom of the panel shall be embossed in hemispherical shape to give strength and flexural rigidity. The entire panel shall be finished with electro deposition of cathodic epoxy paint on the exposed surface for lifetime protection and shall be Zinc Whisker free.				
	Pedestal :- UNIFLOOR Pedestals for FFH 300mm- 450mm design shall confirm speedy assembly and removal for relocation and maintenance. Pedestal base to be permanently secured to portion on sub-floors, pedestal assembly shall provide easy adjustment of leveling and accurately aligned panel to ensure lateral resistance. It shall be designed to avoid any rattle or squeaks. It consists of 100x100x8mm thick galvanized base plate die pressed orbitally riveted to 25mm OD 1.20 mm thick G.I./epoxy coated pipe to engage, the pedestal head assembly consisting of 75mmx75mmx3.5mm embossed ribbed head with four holes with steel pin for panel location for fastening and locating of tiles , mechanically locked to corresponding threaded stud 19mm dia OD and which is designed to engage the pedestal base assembly, the assembly shall provide a range of a height adjustment up to 50mm with the help of two check nuts . Pedestal shall be permanently fixed to sub floor by application of adhesive and/or screws.	35.559	sqm		
	Stinger for Lay In System :- The UNIFLOOR stringer is galvanized steel specially designed with Rectangle sides for strength, lateral stability, and rolling loads and to support the panels on all four sides for alignment. The stringer to have a counter sunk holes at both ends to accommodate bolting of machine screws to the pedestal head assembly. The stringers shall be 20 x 30 x0.8mm x 570 mm length(length will increase with increase of ht. of raised floor) as per the detail design and specification Including all cost of material , labour ,conveyance, loading & unloading, taxes (excluding GST), overheads and T & P etc., complete.				
3	Supply and Installation of double layers 12 mm thick Tufbloc HDFR size 1200 x 2400mm having density 1000 kg/mt cube with STC 44 – 50, weight 12 kg /sq mt, fire class 1&P ,STC 34 50 degree C , RH - 95 & thermal 0.118 W/mK free from sodium chloride in composition of core materials to be fixed with Phillips head screw is fixed by using concealed ceiling system. The concealed ceiling system shall include GI Wall channel(WC25) having thickness 0.45mm, length 3600mm, unequal flanges of 15 & 20mm and web of 25mm should be fixed along the perimeters of the wall with nylon sleeves and suitable fasteners at every 300mm centers. Then suspend Main channels(MC45) having thickness 0.9mm, length 3600mm, equal flanges of 15mm and web 45mm from the soffit at every 900mm centers with Suspender angle(SA25) having thickness 0.45mm, unequal flanges of 25 & 10mm. GI Cross channel(CC25) having thickness 0.45mm, length 3600mm, knurled web 35mm, depth of 25mm and equal flanges 9.5mm is fastened to the Main channel in the direction perpendicular to the Main Channel at every 300mm centers. Now the jointing & finishing of the same will be done by using Anutone jointing seam kit consist of powder mixed with water and apply the same with flat flap on the boards joints to finish the surface of the boards so as to look flush. Test report of the supplied materials are to submitted at the time of purchasing. as per the detail design and specification Including all cost of material , labour ,conveyance, loading & unloading, taxes (excluding GST), overheads and T & P etc., complete.	35.559	sqm		
4	Providing, and painting the Gypsum Board ceiling area with one coat of primer & two coat of flame spread resistance paint as per the detail design and specification including all cost of materials , labour, conveyance, loading & unloading, taxes (excluding GST), overheads and T & P etc., complete.	35.559	sqm		
5	Providing and fixing of tested fully glazed steel fire rated Single leaf door with 120 minutes of integrity and radiation control and 15 minutes of insulation (EW 120 I 15) fabricated with 1.6 mm thick galvanized steel sheet. The door frames are manufactured from 1.6 mm galvanized steel sheet pressed to form a profile of 35 mm x 60 mm on the vertical sides and 50 x 60 mm on the horizontal side. The door shutter would have a top rail and side rail 60 mm x 60 mm and a bottom rail of 110 mm * 60 mm. The sections have a special insulating infill. The overall door opening not to be more than 2440 mm x 2440 mm. The test is conducted in IFTS, Bern as per EN 1634-1: 1999. Powder coating as per approved shade by architect. (for frame)				
	The glass should be Contraflam Door Lite, 11mm clear 120 min fire rated (EW 120) Non Wired Toughened Interlayered glass with a light transmission of 86% and a sound reduction of 37 db and manufactured in UL & TUV audited Facility and including UL-EU Certification.. The glass should be compliant to class 2B2 category of Impact Resistance as per EN 12600. The glass should be held in its place with the help of 1.6 mm GI beading and a special ceramic tape with cross section of 5 x 20 mm as per the test evidence. The maximum glazing size should be not more than 1100 mm x 2200 mm (w x h) or 2.42 sq mt in total area which should be clearly mentioned in the test certificate. (for glass)				

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	The shutters should be fixed to the frame using Dorma primer SS Ball Bearing Hinges of size 100 mm x 89 mm and 3 mm thickness or equivalent. Beading should be attached using 4 mm x 35 mm SS screws at a distance of 75 mm from the edges and 150 mm c/c henceforth. The door should be fitted with Dorma premier Mortise Sash lock 952F and door closer TS 68 of Dorma premier make or equivalent. The inactive leaf should be fixed to the frame using 1200mm long Dorma premier tower bolt no 9114306 or equivalent. The test report will be considered valid only if it contains the stamp and signature of the authorized signatory. (for shutter).(2hr fire rated door)	3.780	sqm		
	FIXTURES FOR DOORS				
	Providing and fixing of DORMA premier Make or equivalent SS BallBearing Hinges of 100x89x3mm SUS304 Grade complete withS Sscrews (4Nosperpanel)				
	Providing and fixing of DORMA premier TS73V door closers tested in accordance with EN:2-4 with manufacturers warranty and tested with complete assembly offered by manufacturer				
	Providing and fixing of DORMA make Lock 952 F with lever handle and 80mm Cylinder and necessary screws as required.				
	Concealed Tower Bolt 12"				
	including the cost of all materials , labor , nails, screw adhesives, overhead T & P etc. taxes (excluding GST) complete.				
	PANELLING				
6	Panaling existing wall with cement fiber board :- Clading 20 mm th 2hr fire rated cement fibre on wall surface including all type of material, labour , hardware , adhesive etc as per the detail design . as approved by eic .(mode of measurement fom wall to wall & finished floor to bottom of false ceiling)	123.455	Sqm		
7	PANELLING WITH LAMINATE :- Providing and fixing panelling with 19 mm th fire retardent ply over necessary frame work for levelling the surface finished with a combination of 1mm thick texture / suede laminate complete with necessary Hardwood, skirting , mouldings & teak wood beading on the edge etc. as per the detail design including the cost of all materials, labour, overheads and T & P etc. taxes (excluding GST) complete. The exposed frame work shall be finished with mat finished enamel paint or polished with mellamine.	12.870	sqm		
8	Providing,fitting and fixing the translucent printed roller blinds for all window and partitions of approved make and shade and inclusive of all cost of labour,materials, taxes (excluding GST) as per the detail design & specification approved by EIC .	4.633	sqm		
9	LOW HEIGHT STORAGE 450 width :-Providin & fixing LOW HEIGHT STORAGE made out of 19 mm thick fire retardent ply , 6 mm th fire retardent ply at out side & laminated with 1 .0 mm th sued/TEXTURE laminate on out side & 0.8 mm th laminate at in side , the exposed wooden surface polished with mellamine or painted with automotive paint with central locking, shutters with autoclosing hinges and handles. Including all cost of material ,labour , T & P, taxes (excluding GST) etc as per the detail design & specification approved by EIC .	4.455	SQM		
C	ELECTRICAL WORK				
	POINT WIRING :-				
1	Wiring for light point/ fan point/ exhaust fan/wall fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box including supplying the same and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.				
a)	Group-A	4.000	point		
b)	Secondary Point(Only wire from 1Lt Point to Another Lt Point-Upto 3mtr-) .	2.000	point		
2	Supplying and fixing suitable size GI box with modular plate and cover in FRLSont on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	8.000	No.		
3	Supplying and fixing suitable size GI box with modular plate and cover in FRLSont on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	1.000	No.		
4	Supplying and fixing of modular switch/ socket on surface or recess including suitable modular box, plate & switch box including connections etc. as required.				
a)	25 amp switch	3.000	Each		
b)	25 amp socket outlet	3.000	Each		
5	Circuit or Sub-main wiring in 20/25/32/50mm dia. good quality ISI mark PVC Conduit with following sizes PVC insulated un-sheathed 1100V,Single Core FRLS Cu. conductor wire of approved make with all other required materials & labour complete as per the direction of Engineer-in-Charge.				
a)	(2 x 1.5 + 1 x 1.5) sq.mm copper wire for 6A Light plug Point, wall fan.	30.000	mtr		
b)	(2 x 2.5 + 1 x 2.5) sq.mm copper wire for Computer Point,6/16A Plug & Lighting Switch Board.	90.000	mtr		
c)	2 X 4.0 sq. mm + 1 X 4.0 sq. mm earth wire for AC Point	90.000	mtr		
6	Installation, testing and commissioning of wall bracket /ceiling fittings /LED down light/Hanging Light of all sizes and shapes containing upto two GLS lamps per fitting, complete with all accessories including connection etc. as required.	6.000	each		
	FITTING & FIXTURES (CFL)				
1	Supply, Testing & commissioning of Recess mounted squire LED Luminaire with complete diffuser with for 1 x33W LED including of approved make complete with all materials & labour(Make :Wipro,Cat No.-CRCO10R036HP57G1/Equiv.-CG/Philips/HAVELLS)	6.000	no		

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ACCESS CONTROL :-					
1	SITC of Indian manufacturer Biometrics reader having both (card+Finger)1:1&1:N Feature , reader should have 500dpi sagem optical sensor,transction capacity 1,30000,with lcd display as per EIC of approved make including with all,Taxes, materials & labour.. (Make: - Savior/Equivalent)	1.000	no		
2	Supply, Installation, Testing & Commissioning of Powersupply & connection box for Electromagnetic lock(controller) with 12 volt DC. (Make: - Savior) as per EIC of approved make including with all,Taxes, materials & labour.. (Make: -Savior/Equivalent)	1.000	no		
3	Supply, Installation, Testing & Commissioning of Electro Magnetic Lock as per EIC of approved make including with all,Taxes, materials & labour.. (300 LBS) (Make: - Savior/Equivalent)	1.000	no		
5	Ssupply & laying of 4 pair 23 AWG un-sheathed. Cable in PVC conduit of approved make as per EIC of approved make including with all,Taxes, materials & labour.. Make : MOLEX/EQUVELENT	30.000	rm		
6	Supply & providing Proxy Card.1Kb Smart card as per EIC(Mifare) Read & write)	5.000	no		
CCTV :-					
1	Supplying and laying camera (3+1Copper)Cable in the existing surface/ recessed steel/ PVC conduit as required.	60.000	Mtr		
2	Supply, Installation, Testing, and commissioning of 2MP Dome HD-Dis ,full HD@1080Pwith 3.6mm lens, 20m IR, Canmera as per EIC of approved make including with all,Taxes, materials & labour.	2.000	No		
3	Supply, Installation, Testing, and commissioning of 8 `stand aloneDVR,H-264 1SATA HDD upto 4TB compression format with VGA out put,Audio chanel,IE browse,Mobile phoneSurveillance,CMS,online client,mouse,USB port ,Network support,PTZ Control,CIFresolutionproof on real time recording including 1no 1 TB AV SURVEILLANCE Harddisk. as per EIC of approved make including with all,Taxes, materials & labour.	1.000	No		
4	Supply, Installation, Testing, and commissioning of BNC CONNECTOR as per EIC of approved make including with all,Taxes, materials & labour.	4.000	No		
5	Supply, Installation, Testing, and commissioning of DC Pin as per EIC of approved make including with all,Taxes, materials & labour.	2.000	No		
6	Supply, Installation, Testing, and commissioning of 12V/10A power supply for camera as per EIC of approved make including with all,Taxes, materials & labour.	2.000	No		
MODULAR GAS SUSPRESSION :-					
1	Supply Installation Testing & commiionsing of Ceasefire 10 Kg Ceiling Mounted Clean Agent Fire Extinguishers based Modular Suppression system, Powered by HCFC 123, one of the cleanest and most powerful extinguishing agents on the planet, these are pack in mega power and are absolutely safe on sensitive electronic equipment with Pressure Gauge, Gross Weight 14.8 Kg, empty Weight 4.8 Kg, Can Height 320MM, Diameter 300MM, Discharge Time minimum 10 Secs, Auto discharge mechanism on temperature rise, applicable on Class A,B,C and electrically started Fire, Can Construction : Deep drawn & CO2, Mig welded, Valve Construction : Forging & Machining, Internal Coating of Can : Epoxy Powder coating, External Coating of Can : Epoxy Polyster Powder coating, Sheet metal thickness : 2.0 MM, 5 Years Warranty as per EIC of approved make including with all,Taxes, materials & labour.	2.000	No		
HVAC SYSTEM					
1	Supply of Hiwall Split air conditioners including Inverter compressor, condenser, supports, with cordless remote controller, refrigerant gas, drain pump, etc as per the specifications of the following capacities. Inverter 3 star rating. Refrigerant gas shall be of R410A / R32. 2.0 TR	4.000	Nos		
2	Installation, Testing and Commissioning of Inverter Hiwall Split air conditioners including compressor, condenser, supports, with cordless remote controller, refrigerant gas, drain pump, ODU stand, etc as per the specifications of the following capacities. Inverter rating. Refrigerant shall be of R410A / R32.including additional copper pipe & drainage pipe etc .	4.000	Nos		
3	Supply of ODU Bracket/M.S Structure for Hi-Wall, Cassette and Ductable				
3	ODU bracket (Upto - 2.0 TR)	4.000	Nos		
4	Installation of ODU Bracket/M.S Structure for Hi-Wall, Cassette and Ductable				
4	ODU bracket (Upto - 2.0 TR)	4.000	Nos		
5	Supply of timmer for indoor unit .	2.000	Nos		
VOICE SYSTEM :-					
1	Supply and fixing of 500 pair MDF Box as per EIC of approved make including with all, material & labour.	2.000	Nos		
2	Punching and fixing of 500 pair krone with existing telephone cable as per EIC. Of approved make including with all materials & labour.	2.000	Nos		
3	Tessting and commissioning of telephone points at both end as per EIC of approved make including with all materials.	1000.000	Nos		
TOTAL VALUE EXCLUDING GST)					
NOTE: GST EXTRA AT ACTUALS, SAC CODE ALONG WITH GST % TO BE INDICATED IN THE OFFER					